

Cal OES Daily Situation Report

February 25, 2019



Snow Cats from Fresno, Mono and Kern Counties deployed to recover remains from a plane crash in Kern County.

Photo Credit: Assistant Chief Dennis Smithson, Cal OES Law Branch



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

| Duty Officer | |
|------------------------------------|--|
| EDO | Eric Lamoureux |
| CSWC Watch Officer | Janice Webb (Day) Sarah Murdock (Night) |
| STAC Duty Officer | STAC@caloes.ca.gov 916-275-4069 |
| FDO | David Stone |
| LDO | Eric Broughton Ron Quigley (Shadow) |
| IDO | Lindsey Stanley |
| CDO | Adam Amaral |
| SDO | Karla Benedicto |
| PIO | Kelly Huston |
| TDO | Chad Stokes |
| ITDO | Mark Swart |
| EQTP | Ryan Arba |
| Tribal Liaison POC | Denise Shemenski |
| Access and Functional Needs POC | Vance Taylor |

National Terrorism Advisory System



SITUATION SUMMARY

Cal OES Activation Status

| State Operations Center | Inland Region EOC | Coastal Region EOC | Southern Region EOC |
|-------------------------|-------------------|--------------------|---------------------|
| Normal Operations | Normal Operations | Normal Operations | Normal Operations |

Late February Winter Storms

- An atmospheric river will affect California starting Monday 02/25/19 and continuing through Thursday, 02/28/19. A concern exists for impacts to burn scars, foothills, and debris flows, due to greater increase of precipitation. The heaviest rain will fall over the northern CA Monday and Tuesday and over central CA Tuesday and Wednesday. There is a flood potential for small rivers, creeks, and low-lying areas. See River Forecasts and Flooding for specific rivers and locations.
- Cal OES Duty Officers are monitoring weather and maintaining close contact with their Operational Areas (OAs).
- The Department of Water Resources (DWR) will provide an update after their 1000 hour conference call.

Cal OES INLAND REGION

- Nothing significant to report

Cal OES COASTAL REGION

- Nothing significant to report

Cal OES SOUTHERN REGION

- Nothing significant to report

SITUATION SUMMARY

California/Nevada River Forecasts

Many rivers across the state are currently at monitoring and flood stages. For River Forecast Guidance, please visit <http://www.cnrfc.noaa.gov/>

Inland Region

The following rivers are forecast to meet or exceed **Flood stage**:

- **Tehama County:** Sacramento River at Tehama Bridge forecast to be above flood stage at 214.6 feet at approximately the morning of 02/27/19.
 - Between 213.0 and 214.0 Feet the county park becomes inaccessible. Lower trailer park slots (temporary slots) start to flood.
- **Tehama County:** Sacramento River at Vina Woodson Bridge forecast to be above flood stage at 183.1 feet at approximately the afternoon of 02/27/19.
 - Woodson Bridge Park is closed due to flooding. Water is up to the top steps of the recreation center at Woodson Bridge RV Park and spaces 15-33 begin to take on water on the east bank of the river.
- **Glenn County:** Sacramento River at Ord Ferry forecast to be above flood stage at 115 feet at approximately the morning of 02/28/19.
 - Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.
- **Sacramento County:** Cosumnes River at Michigan Bar is forecast to be above flood stage at 12.5 feet at approximately the morning of 02/27/19.
 - Water flows on to the road near Wilton.
- **Merced County:** Merced River at Stevinson is forecast to be above flood stage at 71.1 feet at approximately the afternoon of 02/28/19.
 - Water is up to the maintenance building in Hagaman Park.

The following rivers are forecast to meet or exceed **Monitor Stage**:

- **Tehama County:** Sacramento River at Red Bluff
- **Glenn County:** Sacramento River at Hamilton City, Sacramento River at Butte City
- **Colusa County:** Sacramento River at Moulton Weir, Sacramento River at Colusa Weir, Sacramento River at Colusa Bridge
- **Yuba County:** Yuba River at Marysville
- **Sutter County:** Sacramento River at Tisdale Weir, Feather River at Nicolaus, Sacramento River at Fremont Weir
- **Placer County:** Bear River at Wheatland
- **Yolo County:** Cache Creek at Rumsey, Cache Creek at Yolo, Sacramento River at Fremont Weir, Yolo Bypass at Lisbon
- **Sacramento County:** Cosumnes River at McConnell, Mokelumne River at Benson's Ferry



SITUATION SUMMARY

River Forecasts and Flooding (continued)

Coastal Region

The following rivers are forecast to meet or exceed Flood stage:

- **Humboldt County:** Eel River at Fernbridge forecast to be above flood stage at 23.1 feet at approximately the afternoon of 02/27/19.
 - The western half of the Eel Delta may be completely flooded, especially if at or above this level for an extended period of time. This includes areas northwest of Loleta, Cannibal Island Road. A Special Action Advisory is being issued to all owners of livestock in low-lying areas of the Eel Delta. These animals are at risk due to rising river levels, and appropriate action should be considered.
- **Mendocino County:** Navarro River at Navarro forecast to be above flood stage at 31.8 feet at approximately the morning of 02/27/19.
 - Water will flow over the south bank of the river approximately 1 mile east of Highway 1, and begin to flood property in this area including six homes. Expect closure of Highway 128. Motorists should use alternate routes.
- **Mendocino County:** Russian River at Hopland is forecast to be above flood stage at 21.5 feet at approximately the morning of 02/27/19.
 - Flooding of low-lying structures just west of the railroad tracks near Hopland.
- **Lake County:** Clear Lake at Lakeport is forecast to be above flood stage at 9.0 feet at approximately the morning of 03/01/19.
 - Low-lying structures and some main roads around the lake are threatened by the high lake levels.
- **Sonoma County:** Russian River at Guerneville forecast to be above flood stage at 37.6 feet at approximately the evening of 02/27/19.
 - In Guerneville, flooding begins at Johnsons Resort, Parkers Resort, Creekside Resort, and Riverside Park. In Northwood, Lower Redwood Drive begins to flood.
- **Napa County:** Napa River at Napa forecast to be above flood stage at 26.1 feet at approximately the morning of 02/27/19.
 - In the city of Napa, flow begins to leave the Napa River channel in the South Coombs area (north of Imola Avenue) and the south oxbow (near Taylor Street). Crop losses and erosion damage become serious. Moderate flood damage in lower parts of urban areas along the reach. Transportation in the Napa Valley becoming difficult. The flood of 2/3/1998 measured 26.72 feet.

The following rivers are forecast to meet or exceed Monitor Stage:

- **Del Norte County:** Smith River at Doctor Fine Bridge
- **Humboldt County:** Mad River at Arcata, Van Duzen River at Bridgeville
- **Napa County:** Napa River at Saint Helena

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

| National | Northern California | Southern California |
|----------------------|---|---|
| Preparedness Level 1 | Preparedness Level 1 | Preparedness Level 2 |
| | Multi-Agency Coordination System MACS Mode: 2 | Multi-Agency Coordination System MACS Mode: 2 |

Please note: The National and Regional Preparedness Levels are maintained by the National Multi-Agency Coordination (MAC) Group and are separate from Cal OES activation levels.

Prepositioning of Resources

- Cal OES Fire and Rescue staff are prepared to coordinate with local Operational Areas (counties) to preposition fire apparatus and personnel to augment local resources in preparation for the current weather/Mud and Debris Flow event.

Cal OES EMAC Missions

- **2018-SOC-56344:** California requested Public Assistance Coordinators to assume the role of Program Delivery Managers (PDMG) and assist Cal OES with utilizing FEMA's program delivery system.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Northern California.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Southern California.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

| Major Road Closures | | |
|----------------------------|----------------------------|----------------------------|
| Northern California | Central California | Southern California |
| No Lifeline Route Closures | No Lifeline Route Closures | No Lifeline Route Closures |

Lifeline Routes:

- There are no lifeline route closures.

Non-Lifeline Routes:

- Click [here](#) for a list of current road closures.

Wildfire Closures:

- There are no wildfire closures.

Emergency Center Activations:

- There are no emergency center activations.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current Hwy. conditions.
You can also call 1-800-427-7623 for
current Hwy. conditions.



CALIFORNIA 911 SYSTEM

| CA 911 Outages | | |
|---------------------|--------------------|---------------------|
| Northern California | Central California | Southern California |
| No 911 Outages | No 911 Outages | No 911 Outages |

911 Outages/Remote/Community Isolations:

- None reported

Service Interruptions:

- None reported

WEATHER OF CONCERN

NORTHERN CALIFORNIA

- An active weather pattern will continue to set up over northern California this week.
- Heavy snow is forecast for the higher elevations of the mountains while increasing flooding potential remains the threat for the valley and foothills.
- Precipitation forecast to spread southward today as frontal system pushes into northwest California (reaching the Sacramento area in the afternoon and northern San Joaquin Valley by this evening).
- The front is forecast to become nearly stationary over Northern California tonight and Tuesday and focus several waves of moderate to heavy precipitation along with gusty southerly winds.
- Precipitation forecast to become more showery early Wednesday as the cold front finally sweeps through.
- Flood potential for small rivers, creeks and low-lying areas likely to increase later tonight, and especially Tuesday, as moderate to heavy rain becomes more persistent.
- Strong low-level southeasterly flow will enhance rain along the western edge of the valley including the Fairfield and Vacaville area, and strong southwesterly flow above the surface will soak the foothills and west slopes of the northern Sierra where 5-8 inches will be likely (local amounts above 10 inches possible).
- Another major snow producer is in store for the northern Sierra where amounts will be measured once again in feet! Amounts in excess of 5 feet will be likely above 5000 ft tonight through Wednesday.
- Snow will begin to pick up this afternoon and become heavy tonight.

SOUTHERN CALIFORNIA

- Nothing significant to report.

Weather Advisories, Watches, and Warnings currently active in California:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca>

Active Weather Warnings, Watches and Advisories by County:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca&bycounty=1>

WEATHER KEY POINTS

02/25/19 - 03/03/19

Monday-Wednesday

- Significant rain and snow is expected over the Coastal and Inland Regions.
 - The heaviest rain will fall over the northern CA Monday and Tuesday and over central CA Tuesday and Wednesday. Rivers and streams will run high with water over roadways and pasture lands.
 - Snow levels will start off low around 2500 feet before quickly rising to 4500 feet. The higher terrain across the Sierra will see another 50-100" of snow this week with significant impacts to travel.
 - Localized urban and small stream flooding is expected. Rainfall amounts of 4-6" expected with local amounts up to 8".
 - Debris flows are possible over recent burn scars for the northern half of CA, including the Camp Fire burn scar.
 - There is also a threat of mud and rock slides over steep terrain.
 - Winds will be gusty with the potential for downed tree branches and power outages. Winds will also produce travel difficulties, including significant blowing snow in the mountains.

Thursday-Friday

- Generally drier conditions expected, though some showers will linger, especially over the Sierra.

Saturday-Sunday

- Another storm system will move into the state through the weekend, bringing another round of valley rain and mountain snow to much of California. This currently looks to be a faster moving and less prolonged storm system.



CALIFORNIA WEATHER IMPACTS

02/25/19 - 03/03/19

| <u>Hazards / Day</u> | MON | TUE | WED | THU | FRI | SAT | SUN |
|---|--------------------|--------------------|--------------------|--------------------|-----|--------------------|--------------------|
| Non-Thunderstorm Damaging Winds | Coastal/ Inland | Coastal/ Inland | Inland | Inland | | | |
| Snow | Coastal/ Inland | Coastal/ Inland | Inland | Inland | | Inland | Inland |
| Coastal Flooding | | | | | | | |
| River Flooding | Coastal/ Inland | Coastal/ Inland | Coastal/ Inland | Coastal/ Inland | | | |
| Thunderstorms (Wind / Hail / Tornadoes) | | | | | | | |
| Fire Weather (Low Humidity / Wind / Dry Thunderstorms) | | | | | | | |
| Heat Risk | | | | | | | |
| Heavy Rain / Flash Flooding / Debris Flow | Coastal/ Inland | Coastal/ Inland | Coastal/ Inland | | | Coastal/ Inland | Coastal/ Inland |
| Extreme Cold | | | | | | | |



No Impacts



Minimal Impacts



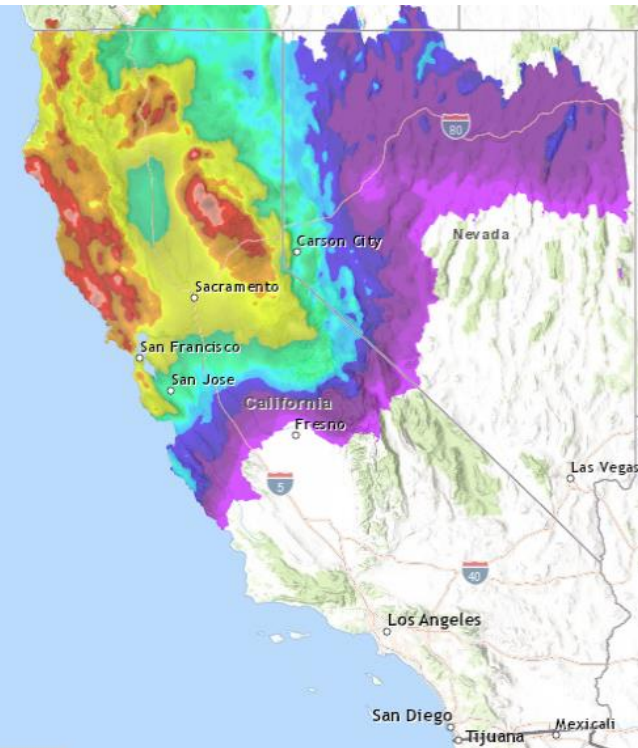
Moderate Impacts



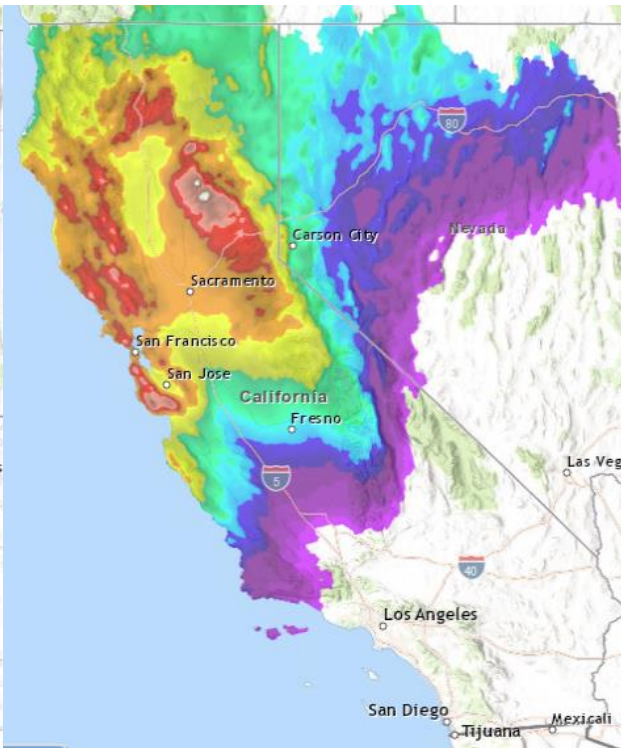
Severe Impacts

PRECIPITATION FORECAST

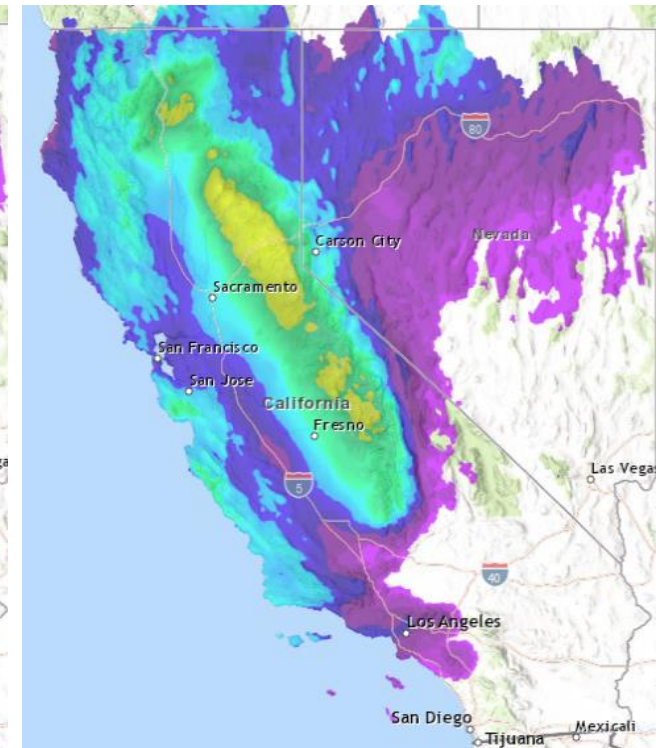
02/25 – 02/27



Monday



Tuesday



Wednesday

Precipitation (inches)



WEATHER OUTLOOK

03/02/19 - 03/10/19

6-10 Day Outlook (Mar 2 – Mar 06)

Temperatures

- Moderate confidence for above average temperatures for Southern CA and below average for Northern California.

Precipitation

- Low to moderate confidence in above average precipitation statewide

8-14 Day Outlook (Mar 4 – Mar 10)

Temperatures

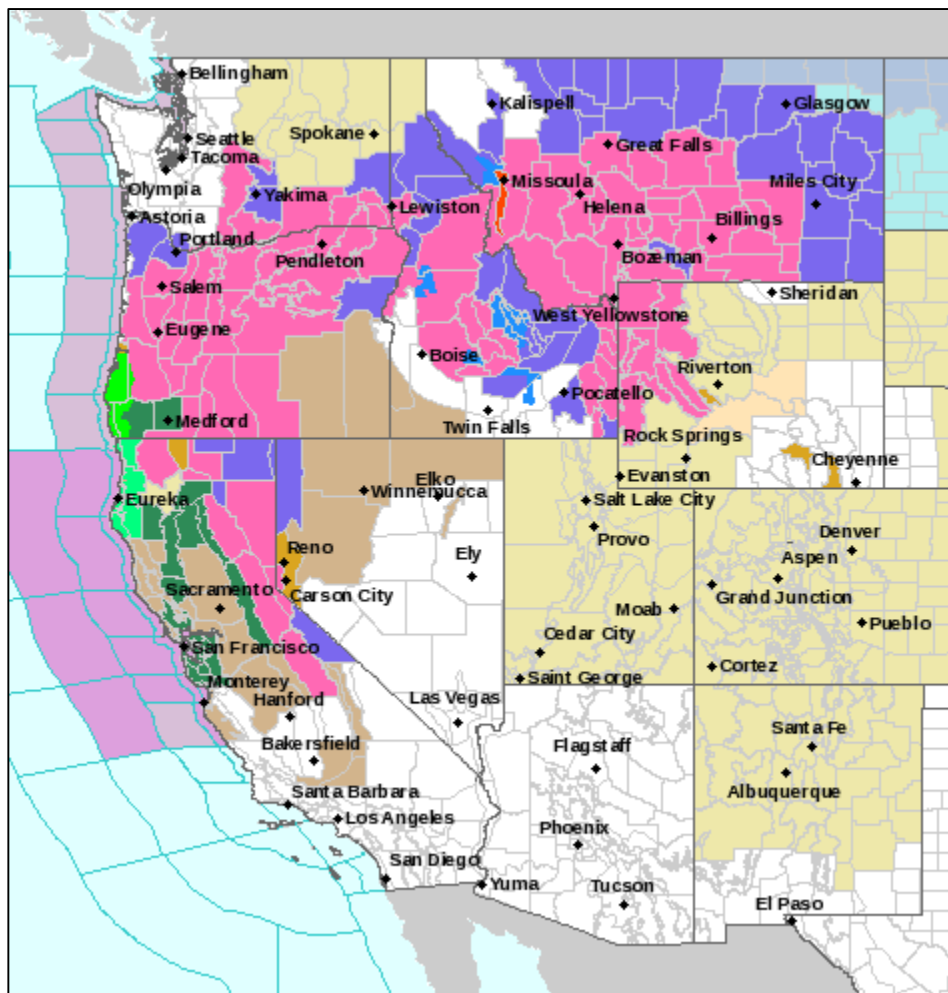
- Low confidence in below normal temperatures for Northern CA and near normal for Southern CA

Precipitation

- Moderate confidence in above normal precipitation statewide



WEATHER MAP



| | | | |
|--|---|---|---|
| Blizzard Warning |  | Small Craft Advisory |  |
| Winter Storm Warning |  | Hazardous Seas Warning |  |
| High Wind Warning |  | Lake Wind Advisory |  |
| Avalanche Warning |  | Wind Advisory |  |
| Flood Warning |  | Avalanche Watch |  |
| Flash Flood Watch |  | Flood Watch |  |
| Gale Warning |  | High Wind Watch |  |
| Wind Chill Warning |  | Special Weather Statement |  |
| Winter Weather Advisory |  | Marine Weather Statement |  |
| Wind Chill Advisory |  | Hazardous Weather Outlook |  |
| Flood Advisory |  | | |
| Small Craft Advisory For Winds |  | | |



Cal OES
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Cal OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

- **2019-LAW-57946, 02/21/19, 2209 hours:** AFRCC reported an overdue aircraft alert notification (ALNOT). A Beechcraft 55 with 3 persons on-board departed San Luis Obispo en route to Whiteman Airport in Los Angeles. The aircraft was reported overdue at 1600 hours by family members. AFRCC generated a CAP mission 19M0101A. Kern County Sheriff's Office (KCSO) was notified and generated a Search & Rescue (SAR) mission. A radar forensic indicated the last known position at 35° 6.411'N, 119° 1.593'W before it lost contact, which plots to an area in Kern County south of the Grapevine. The flight pattern prior to losing contact suggested the aircraft altered course to avoid a storm cell. KCSO SAR and CHP H-40 searched the area of the last known radar contact and did not locate the aircraft or debris. A cellular phone forensic tracked two known phones onboard approximately 20 miles further east, where one stopped generating data at 1718 hours and the other continued to generate stationary data at 35° 2.829'N, 118° 35.591'W. This plots to a mountainous area of Kern County, southeast of Stallion Springs. Poor weather prevented CHP and KCSO aircraft from accessing the area to search from the air. At 0630 hours, CAP generated a daytime search mission. Kern Sheriff SAR was on standby pending results of the aerial search. At 1020 hours one CAP fixed wing aircraft and one US Forestry helicopter were on station and commenced the search. At 1158 hours the Forestry helicopter located the crash site. The helicopter crew landed and confirmed one fatality in the aircraft, but deep snow hampered recovery efforts. At 1549 hours, limited SAR personnel reached the crash site by snowcat and confirmed the aircraft tail number as the missing aircraft. SAR planned to bulldoze access to the site overnight and prepare SAR resources to access the site on the next day to recover victims. **MISSION UPDATE, 02/23/19:** Kern County Sheriff requested two snowcats to assist in their recovery effort. Fresno SO and Mono SO were contacted and are both deploying snowcats and operators for the duration of the mission. **UPDATE, 02/24/19:** Kern County Sheriff advised they recovered three victims and confirmed the mission was complete. Fresno and Mono County resources will remain in Kern overnight and demobilize 02/25/19. NTSB has also completed their investigation. **Mission Closed**

Cal OES MISSION TASKING

Cal OES Missions

- **2019-SREOC-57753:** Requesting equipment to excavate material from under road culverts. (On Scene)
- **2019-SOUTHERN-57469:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOUTHERN-57447:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOC-57397:** Cal OES is requesting Caltrans assistance in developing a detailed traffic management plan for the debris operations in Butte County. (On scene)
- **2018-SOUTHERN-56869:** Daily Operations - Communication Support for the Baker to Vegas Challenge Cup Relay XXXIV
- **2018-IREOC-49869:** 2018 July Statewide Wildfires - Debris Management Task Force for Shasta County. (On Scene)
- **2018-CREOC-48046:** 2018-06-23-Lake-Wildland Fire - DTSC to clear debris from Pawnee Fire. (Coordinating)
- **2018-IREOC-45244:** Daily Operations - Caltrans to remove dead and dying trees along highways in Kern, Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Butte, Plumas, Sierra, Shasta, and Lassen counties. (On Scene - Long-term assignment)
- **2017-INLAND-42559:** Daily Operations - Weather station installed to gather real time rainfall data by Air Resources Control Board (ARB). Mission extended through 05/30/19. (On Scene)



Cal OES

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.